

To: Smith, Claudia[Smith.Claudia@epa.gov]
From: Ohlhausen, Natalie
Sent: Fri 1/26/2018 8:53:15 PM
Subject: RE: Questions on Remaining MNSR U&O Reservation Compressor Station Permit Applications

Hello Claudia,

I am working on your request and will have response back next week.

Have a nice weekend!

Natalie Ohlhausen

Direct: 720-929-6498

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From: Smith, Claudia [mailto:Smith.Claudia@epa.gov]
Sent: Thursday, January 25, 2018 12:09 PM
To: Ohlhausen, Natalie <Natalie.Ohlhausen@anadarko.com>
Subject: Questions on Remaining MNSR U&O Reservation Compressor Station Permit Applications

Hi Natalie,

I have reviewed the permit applications for the remaining 8 compressor station MNSR permits on the U&O Reservation and have a few questions. It would be great to get these sometime next week if possible, but no later than Friday, February 16th. Once I have this information, I can finish drafting the proposed permits and start preparing for public notice. I can be reached via email or at 303-312-6520 with any questions. Thanks. -Claudia

Diablo Compressor Station

- Appendix D of your application does not propose any VOC requirements for the 2 low-emission dehydrators at the facility. I assume you want the permit to include the enforceable restrictions for the dehydrators (similar to the permits currently out for public comment and the CD). Please verify.

- Please provide the MMscfd capacity for each of the dehydrators. The application did not include the emissions unit detail sheets for the two dehydrators.

- Please provide the capacity of the condensate/produced water tank storage. The tank size is not in the application. Additionally, the process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states condensate is stored in the produced water tank. Also, the application states that Liquids are held in storage tanks (plural) onsite until loaded into trucks for transport to sale, but additional storage tanks are not listed in the equipment list. The process flow diagram for the facility indicates only 1 produced water tank. Can you clarify the liquids storage operations at the facility?

- Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water storage tank to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tank. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

Blue Feather Compressor Station

- Please provide the capacity of the 2 condensate/produced water tanks. The tank size is not in the application. Additionally, the process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states it is stored in the produced water tanks. Please clarify this discrepancy.

- Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water storage tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

East Junior Compressor Station

- Please provide the capacity of the 2 condensate/produced water tanks. The tank size is not in the application. Additionally, the process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states it is stored in the produced water tanks. Please clarify this discrepancy.

- Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water storage tanks to demonstrate compliance with the VOC requirements of the

permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

L-16 Compressor Station

- ☐ ☐ ☐ ☐ ☐ ☐ ☐ The process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states it is stored in the produced water tanks. Please clarify this discrepancy.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water storage tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

North East State Compressor Station

- ☐ ☐ ☐ ☐ ☐ ☐ ☐ Please provide the capacity of the 2 condensate/produced water tanks. The tank size is not in the application.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

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Morgan State Compressor Station

- The process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states it is stored in the produced water tanks. Please clarify this discrepancy.
- Please provide the capacity of the 2 condensate/produced water tanks. The tank size is not in the application.
- The application indicates there is a H₂S air stripper at the facility. Please send me a sentence or two about how this unit fits in to the facility operations that I can include in the process description. Please verify that there are no emissions associated with this unit (nothing in PTE tables). Would this be the same answer you provided to Eric Wortman for the Archie Bench Compressor Station a while back?
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ Appendix D appears to be requesting recordkeeping requirements for the

condensate/produced water tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

Willow Creek Compressor Station

- ☐ ☐ ☐ ☐ ☐ ☐ Appendix D of your application does not propose any VOC requirements for the 2 low-emission dehydrators at the facility. I assume you want the permit to include the enforceable restrictions for the dehydrators (similar to the permits currently out for public comment and the CD). Please verify.

- ☐ ☐ ☐ ☐ ☐ ☐ Please provide the MMscfd capacity for each of the dehydrators. The application did not include the emissions unit detail sheets for the two dehydrators.

- ☐ ☐ ☐ ☐ ☐ ☐ Please provide the capacity of the condensate/produced water storage tanks. The tank size is not in the application. Additionally, the process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states condensate is stored in the produced water tanks. Please clarify this discrepancy.

- ☐ ☐ ☐ ☐ ☐ ☐ Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

- ☐ ☐ ☐ ☐ ☐ ☐ The process flow diagram indicates there are 5 H2S scrubbers at the facility, but they are not mentioned in the equipment list or the process description. Please send me a sentence or two about how these units fit in to the facility operations that I can include in the process description. Please verify that there are no emissions associated with these units (nothing in PTE tables).

Bonanza West Compressor Station

- ☐ ☐ ☐ ☐ ☐ ☐ Please provide the capacity of the 3 condensate/produced water tanks. The tank size is not in the application. Additionally, the process description states that condensate is sent to the blowcase system and injected into the discharge line, but also states it is stored in the produced water tanks. Please clarify this discrepancy.

- ☐ ☐ ☐ ☐ ☐ ☐ Appendix D appears to be requesting recordkeeping requirements for the condensate/produced water tanks to demonstrate compliance with the VOC requirements of the permit, but no VOC emissions limits are requested for the storage tanks. Is the recordkeeping requirement intended to apply to the facility in general and compliance with all of the requested limitations? Please clarify.

- The plot plan indicates there are 2 H2S air strippers at the facility, but they are not listed in

the equipment list. Please send me a sentence or two about how these units fits in to the facility operations that I can include in the process description. Please verify that there are no emissions associated with these units (nothing in PTE tables). Would this be the same answer you provided to Eric Wortman for the Archie Bench Compressor Station a while back?

Claudia Young Smith

Environmental Scientist

Air Program

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